CDAT Course Schedule – June/July 2005

The Schedule for the CDAT 2005 course at NIEeS is as follows:
Thursday 30th June

Morning Session Python and CDAT Basics

10:00 10:15 Introduction
10:15 10:45 What is CDAT? Brief Tour and Installation
10:45 11:10 VCDAT Introduction

11:10 11:25 Coffee/Tea

11:25 12:00 More on VCDAT
12:00 12:30 VCDAT Playtime

12:30 13:30 Lunch

Afternoon Session Manipulating Data

13:30 13:45 Why NetCDF and the CF Convention
13:45 14:30 Quick guide to Reading, Manipulating, Plotting and Writing data
14:30 15:30 Practical session

15:30 15:45 Coffee/Tea

15:45 16:30 Advanced Data Manipulation
16:30 17:15 Basic plotting and animation with VCS
17:15 18:00 Clinic and further practical playtime

Friday 30th July

Morning Session Python/Additional CDAT Packages

9:30 10:15 Why Python? OR Averaging; Grids and Interpolation
10:15 10:45 Python basics OR Statistical Tools (Genutil)

10:45 11:00 Coffee/Tea

11:00 11:45 OOP in Python OR Practical session
11:45 12:30 Python Playtime OR Climate−specific tools (Cdutil)

12:30 13:30 Lunch

Afternoon Session Finding out more

13:30 14:45 Optional Sessions: cdscan; cdtime; working with masks; ASCII files, binary files, Building on CDAT; Binding to other languages.

14:45 15:05 Coffee/Tea

15:05 16:30 Clinic and summing up